

Visit Mason

25X1A

S E C R E T [REDACTED] TELEPOUCH

25X1A

DISP NO - [REDACTED] 69-0142

DATE - 07 FEBRUARY 1969

TO - [REDACTED]

25X1A

INFO - [REDACTED]

FROM - [REDACTED]

SUBJECT - AMENDMENTS TO A/C AND POWER HOUSE EXPANSION CONTRACT -

[REDACTED] 25X1A

REF - A. DIRECTOR 60695 ?

B.

C.

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1. REF B PARA 3 STATES THE DESIRABILITY OF REPLACING
INCANDESCENT LIGHTING FIXTURES IN THE [REDACTED] OPERATING AREA WITH RF
[REDACTED] FREE FLOURESCENT FIXTURES. FURTHER INVESTIGATION OF THE
ILLUMINATION LEVELS IN ALL AREAS IN THE BUILDING REVEALS
CLEARING DEFICIENCIES NOT ONLY IN THE OPERATING AREA BUT IN
THE OFFICES AND SHOP AREAS AS WELL. ILLUMINATION IN THE OFFICE
AREAS VARIES FROM A LOW OF 9 FOOTCANDLES TO A HIGH OF 28 FOOT-
CANDLES WHILE THE SHOP AREA HAS AN AVERAGE OF ABOUT 33 FOOT-
CANDLES. THIS IS CONSIDERABLY LESS THAN RECOMMENDED FOR THE
TYPES OF ACTIVITY IN THESE AREAS.

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2. FOR PRACTICAL REASONS CITED ABOVE AND IN REF B AND
THE AESTHETIC VALUE OF HAVING THE SAME TYPE FIXTURES THROUGHOUT
THE BUILDING IT WOULD BE HIGHLY DESIRABLE TO MAKE A COMPLETE
REPLACEMENT OF ALL EXISTING FIXTURES IN THE BUILDING. THE
NUMBER OF FIXTURES INVOLVED IS 60 FOR THE OPERATING AREA AND
.88 FOR THE REST OF THE BUILDING FOR A TOTAL OF 148.4 X 40 UNITS.
COMPLETE REPLACEMENT, IN ADDITION TO CUTTING THE HEAT LOAD
AND BRINGING THE ILLUMINATION LEVEL UP TO ACCEPTABLE STANDARDS,
WOULD REDUCE THE LIGHTING LOAD BY SOME 13KW FOR AN ESTIMATED
ANNUAL SAVING OF 1300 USD IN UTILITY CHARGES.

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